


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
401 M Street, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137)U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.


DATA MATRIX

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|---|---|--|---|--------------------|--------------------------|
| Date June 13, 2019 | | EPA Reg. No./File Symbol 64137-X | | Page 1 of 5 | |
| Applicant's/Registrant Name and Address Danstar Ferment AG/LALLEMAND PLANT CARE (listed as Danstar Ferment/Lallemand) Poststrasse 30 Zug CH-6300 Switzerland | | | Product LALGUARD AZA | | |
| Ingredient Azadirachtin A + Azadirachtin B (6%) | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| OPPTS 880.1100 | Product Identity and Composition | 50868001 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 880.1200 | Description of Starting Materials, Production and Formulation Processes | 50868001 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 880.1400 | Discussion of the Formation of Impurities | 50868001 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.1700 | Preliminary Analysis | 50868002 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.1750 | Certified Limits | 50868001 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.1800 | Enforcement Analytical Method | 50868002 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.6302 | Color | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.6303 | Physical State | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.6304 | Odor | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.6313 | Stability at Normal and Elevated Temperatures, Metals and Metal Ions | 50868004 | Danstar Ferment/Lallemand | OWN | 5 |
| OPPTS 830.6315 | Flammability | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.6317 | Storage Stability | 50868003 | Danstar Ferment/Lallemand | OWN | |
| Signature  | | | Name and Title Olav Messerschmidt Registration Agent | | Date 6/13/2019 |

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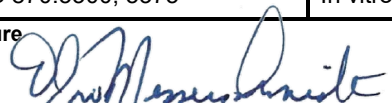
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| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| OPPTS 830.6319 | Miscibility | 50868004 | Danstar Ferment/Lallemand | OWN | 5 |
| OPPTS 830.6320 | Corrosion Characteristics | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.7000 | PH | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.7050 | UV/Visible Light Absorption | 50868004 | Danstar Ferment/Lallemand | OWN | 4 |
| OPPTS 830.7100 | Viscosity | 50868003 | Danstar Ferment/Lallemand | OWN | 4 |
| OPPTS 830.7200 | Melting Point / Melting Range | 50868004 | Danstar Ferment/Lallemand | OWN | 4 |
| OPPTS 830.7220 | Boiling Point / Boiling Range | 50868004 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.7300 | Bulk Density | 50868003 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 830.7520 | Particle Size, Fiber Length and Diameter Distribution | 50868004 | Danstar Ferment/Lallemand | OWN | 5 |
| OPPTS 830.7550, 7560, 7570 | Partition Coefficient (n-Octanol/Water) | 50868004 | Danstar Ferment/Lallemand | OWN | 4 |
| OPPTS 830.7840 | Water Solubility | 50868004 | Danstar Ferment/Lallemand | OWN | 4 |
| OPPTS 830.7950 | Vapor Pressure | 50868004 | Danstar Ferment/Lallemand | OWN | 4 |
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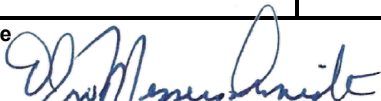
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| Ingredient Azadirachtin A + Azadirachtin B (6%) | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| OPPTS 870.1100 | Acute Oral Toxicity | 50868005 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.1200 | Acute Dermal Toxicity | 50868005 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.1300 | Acute Inhalation Toxicity | 50868005 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.2400 | Primary Eye Irritation | 50868005 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.2500 | Primary Dermal Irritation | 50868005 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.2600 | Dermal Sensitization | 50868005 | Danstar Ferment/Lallemand | OWN | |
| None | Hypersensitivity Incidents | 50868006 | Danstar Ferment/Lallemand | OWN | |
| OPPTS 870.3100 | 90-Day Oral | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 870.3250 | 90-Day Dermal | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 870.3465 | 90-Day Inhalation | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 870.3700 | Prenatal Developmental | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 870.5100 | Bacterial Reverse Mutation Test | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 870.5300, 5375 | In vitro Mammalian Cell Assay | 50868007 | Danstar Ferment/Lallemand | FOR | 4 |
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| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| OPPTS 850.2100 | Avian acute oral toxicity | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 850.2200 | Avian dietary toxicity | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 850.1075 | Fish acute toxicity, freshwater | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 850.1010 | Aquatic invertebrate acute toxicity, freshwater | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 850.4100 | Terrestrial Plant Toxicity, Seedling emergence | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 850.4150 | Terrestrial Plant Toxicity, Vegetative vigor | | Danstar Ferment/Lallemand | FOR | 4 |
| OPPTS 880.4350 | Nontarget Insect Testing | | Danstar Ferment/Lallemand | FOR | 4 |
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| Ingredient Azadirachtin A + Azadirachtin B (6%) | | | | | |
| Notes | | | | | |
| 1. N/A: End use product formulated using only active ingredients from EPA-registered products. | | 5. Not applicable. See Volume 4 (MRID 50868004) | | | |
| 2. A 1-year combined storage stability (-6317) and container corrosion (-6320) study will be initiated upon issuance of registration, to be submitted when completed | | | | | |
| 3. N/A, Label specifies dilution with water; product is not to be mixed with oil or other nonpolar solvents. | | | | | |
| 4. N/A, Product is an EP, not a TGAI | | | | | |
| 5. N/A, Product is a liquid, not a solid | | | | | |
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